# **DIVISION OF OIL AND GAS**

(805) 937-7246

### REPORT ON OPERATIONS

Virginia M. Lazar, Agent Petrominerals Corp.
2472 Chambers Road, #230 Santa Maria , California
Tustin, CA 92680 November 10, 1992
Your operations at well "Magenheimer" 9 API No. 083-00603 ,
Sec. 8, T. 8N, R. 32W, SBB. &M. Cat Canyon Field, in Santa Barbara County were witnessed on 11-3-92. J. R. Carnahan , representative of the
supervisor, was present from 1330 to 1600 . There were also
present Bob Ullerich - Logging Technician .
Present condition of well: See Report on Operations No. T387-147, dated June 30, 1987.
The operations were performed for the purpose of demonstrating that all of the injection fluid is confined to the intended zone.
DECISION: THE INJECTION SURVEY IS APPROVED SINCE IT INDICATES THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 3027 FEET AT THIS TIME.

JRC:ks

William F. Guerard, Jr., Acting State Oil and Gas Supervisor

Deputy Supervisor

СИ No. т <u>392-43</u>0

# INJECTION (M.I.T.) SURVEY

Operator: Petrominerals Corp. Well Designation: Maganheimer " 9 Sec 8 T. RN R. 32W SB B.&M. A.P.I. No.: 083-00603 Field: Car Canyon	/
Sec 8 T. RN R. 32W SB B.&M. A.P.I. No.: 083-00603 Field: Car Canyon	
County Santa Barbara Witnessed on (date): 11-3-92 . J.R. Corno.	han
representative of the Supervisor, was present from	'
Also present: Bob Wilerich, Logging Technician	
Casing record of well: (15) ~ 87-147 ~ June 30, 1987.	
	/
The injection survey was performed for the purpose of	
The Injection survey is approved since it indicates that all of the injection fluid is confined to the formations by	elow /
feet at this time	
The injection survey is not approved due to the following reasons: (specify)	
Note:	
_	

Cardy OGD6 (DWRR/11/88/5M)

# M.I.T. DATA SHEET

Cobserved Rate:   2000   Seconds					Date: _//-3-		Time: 1530 = 10	
Casing Nonded During Teat (YN);	Observed Rate: _	20	50 ±	_ B/D				
SPINNER COUNTS								
SPINNER COUNTS					_ psi Pressure	Alter Bleed-off:		
DEPTH	casing vented by	ning test (17)	0,					
### R.A. T. CASING RATE CHECKS    INTERVAL					SPINNER COUNTS		mry Tomp	1010
B. A. T. CASING RATE CHECKS     INTERVAL   TIME (sec.)   ATT   ATT     ATT     ATT   ATT     ATT	DEPTH	COUNTS	RATE (B/D)	DEPTH	COUNTS	RATE (8/D)	COMMENTS:	
B. A. T. CASING RATE CHECKS     INTERVAL   TIME (sec.)   RATE (BID)   COMMENTS:		109 NE	7097					
INTERVAL TIME (sec.) RATE (BIO) COMMENTS:    R.A. T. TUBING RATE CHECKS	2900	106 145	2013					
NTERVAL   TIME (sec.)   RATE (BIO)   COMMENTS:			-					
NTERVAL   TIME (sec.)   RATE (BIO)   COMMENTS:								
R. A. T. TUBING RATE CHECKS				R. A.	T. CASING RATE	CHECKS		
R. A. T. TUBING RATE CHECKS								
R. A. T. TUBING RATE CHECKS							COMMENTS:	/
R. A. T. TUBING RATE CHECKS	2000		157 12		1879	_		
R. A. T. TUBING RATE CHECKS						_		
NTERVAL   TIME (sec.)   RATE (B/D)   COMMENTS:   2930 - 2780   16   2025     2025								
INTERVAL   TIME (sec.)   RATE (BID)   COMMENTS:   2930 - 2780   IB     2025								
Background Log: From   3050'   to   2000   Comments:   DK				R. A	. T. TUBING RATE	CHECKS		
Background Log: From   3050'   to   2600   Comments:   0								
Background Log: From   3050'   to   2600'   Comments:   OK			20000000				COMMENTS:	
TOP PERFORATION CHECK	2130 - 27	80	18		2080	_		
TOP PERFORATION CHECK	01800		and the second		_	-		
TOP PERFORATION CHECK			-			_		
TOP PERFORATION CHECK						_		
Casing shoe at:   3027				īc	P PERFORATION C	HECK		
Log						seco	nds Beads: (Y/N) _	N
Log	Casing shoe at: _	0027	WSO holes/C	P at:				
Log	Log	from	2780 to	3073	slug at	3018	COMMENTS:	
Dog		from	3075 to	7900	slug at	3031' V		¥
Packer at:   2989   Wait at:   for   seconds	Log up	from	3/50 to	2900	slug at	3109 6	Top Rey - OK	
Packer at:	Log	from	3190 to	.2300	slug at	DOVICE .		
Packer at:								
Tubing tail at: 2989' Tubing size: 31/2 2nd packer at: Mandrel:  Log As About from to siug at COMMENTS.  Log from to slug at PRT - 0 K  Log from to slug at Surger Services Tree, Wireline Technician: 206 [Illerich & Armet Avalos					PACKER CHECK			
Tubing tail at: 2989' Tubing size: 31/2 2nd packer at: Mandrel:  Log As About from to siug at COMMENTS.  Log from to slug at PKT - 0K  Log from to slug at Sovers Tree Wireline Technician: 206 [Illege h & Armall Avalos]	Packer at:	2989	Wait at:		for		_ seconds	
Log As About from to sing at COMMENTS.  Log from to slug at PK1 6K  Log from to slug at PK1 6K  Survey Company: Reduction Legging Services Time, Wireline Technician: Seb Ullegich & Arnald Avalas	Tubing tail at:	2989	Tubing size:	31/2	2nd p	acker at:	Mandrel;	
Log from to slug at PKT, - ok  Log from to slug at PKT, - ok  Survey Company: Reduction Legging Services Time Wireline Technician: Seb Ullegich & Arnall Avalos	A MARKET							
Log from to slug at PK1 - 6K  Log from to slug at   Survey Company: Reduction Legging Services Inc. Wireline Technician: Bab Ullerich & Arnall Avalas	Log As About	from	to				COMMENTS.	
Survey Company: Reduction Legging Services Inc., Wireline Technician: Bob Ullevich & Arnall Avalas							2000 = 1000 ·	5
Survey Company: Reduction Legging Services Inc. Wireline Technician: Est Illerich & Arnald Avalas	_						PKY, = OK	
Survey Company: Reduction Logging Services Inc., Wireline Technician: Eab Illierich & Arnahl Avalas Remarks:	Log	from	to		slug at			
		2	Anna Barrer		Wireling Tackmainer	21 1111	1 : A -H Out les	
nemans.			Lingging Survice	1 Mile	wireline rechnician:	000 MINOY	CH S HYPORT HVO. IO.S	
	igiliainą.							

### RESOURCES AGENCY OF CALIFORNIA

DEPARTMENT OF CONSERVATION

# **DIVISION OF OIL AND GAS**

(805) 937-7246

### REPORT ON OPERATIONS

Santa Maria , California November 7, 1991
API No. 083-03603  Field, in Santa Barbara nio , representative o 1101 . There were also
ons No. T387-147, dated June
e of demonstrating that the well is below hydrostatic.
ATING THAT THE INJECTION ZONE E IMMEDIATE VICINITY OF THE

PAT:mjn

M.G. MEFFERD, State Oil and Gas Supervisor

By William E Blannon

Deputy Supervisor

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			Englisher RB RB RB RRP P
62			

### RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS (805) 937-7246

No.T 391-15

### REPORT ON OPERATIONS

	54
Virginia M. Lazar, Agent	
Petrominerals Corp.	
2472 Chambers Road, Suite 230	_Santa Maria, California
Tustin, CA 92680	January 18, 1991
Your operations at well "Magenheimer" 9	API No. 083-00603 ,
Sec. 8 , T. 8N, R. 32W, SB B. &M. Cat Cany	on Field, in Santa Barbara
County were witnessed on 1-17-91 .	P. Truocchio , representative
of the supervisor, was present from 09	00 to 1030 . There were also
present_ J. Domingues	
Present condition of well: See Report	on Operations No. T387-147, dated
June 30, 1987.	
The operations were performed for the p	urpose of pressure testing the
8-5/8" casing.	

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INTEGRITY OF THE 8-5/8" CASING IS SATISFACTORY AT THIS TIME.

PAT:ks

M.G. MEFFERD, State Oil and Gas Supervisor

By William EBranna

No. T 391-15

### DIVISION OF OIL AND GAS

## Report on Operations

O Petrominera	Is Corp.		S7N Calif.
e witnessed on 1 - 17 - 9 supervisor, was present from sent condition of well: (15)	M.) Cat Canyon	API No. 083-0 Field, in Santa P. Trucchio There were also present	County,
operations were performed for CISION:		85%	
	3.18		
+ Type	3NO - 415 0	ad bald Q	20
Pressured up to Casing valve s. Injecting @	open & poig du	5 prior to te	st. Fluid not t

Re: Injection Project Review

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

5075 S. BRADLEY ROAD, SUITE 221 SANTA MARIA, CALIFORNIA 93455 (805) 937-7246

January 2, 1991



Virginia M. Lazar, Agent Petrominerals Corp. 2472 Chambers Road, Suite 230 Tustin, CA 92680

Dear Ms. Lazar:

On June 21, 1990, A. Koller of this office met with Greg Wagner representing Petrominerals Corp. to review your water disposal project in Cat Canyon field. During the project review, a casing pressure test was requested to be run on well "Magenheimer" 9 and a current injection water analysis was requested to complete or update Division files. To date, we have not received the previously requested material or records that a casing pressure test was conducted on "Magenheimer" 9.

Please give this matter your immediate attention, and if you have any questions, please call Al Koller at (805) 937-7246.

Yours truly,

William E. Brannon Deputy Supervisor

AJK:ks

cc: Project Folder

#### DIVISION OF OIL AND GAS

5075 S. BRADLEY ROAD, SUITE 221 SANTA MARIA, CALIFORNIA 93456 (805) 937-7246

November 15, 1990



Sharon Sandberg, Agent Petrominerals Corp. 2472 Chambers Rd, #230 Tustin, CA 92680

Re: Injection Profile Survey Well "Magenheimer" 9

Dear Ms. Sandberg:

According to our records, a radioactive tracer survey was conducted on the above-captioned well on September 26, 1990. To date, we have not received a copy of said survey. Please give this matter your immediate attention.

Yours truly,

Adelbert J. Koller

Associate Oil & Gas Engineer

for District Deputy

AJK:ks

cc: Well File

# RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS (805) 937-7246

### REPORT ON OPERATIONS

Petrominerals Corp. 2472 Chambers Road, #230 Tustin, CA 92680	Santa Maria , California July 3, 1990
Your operations at well_ "Magenheimer" 9	API No. 083-00603 ,
Sec. 8, T. 8N, R. 32W, SB B. &M. Cat Canyon	
County were witnessed on 7-2-90 R, Br	unetti ,representative
of the supervisor, was present from 0850 t	o 0900 . There were also
present J. Dominguez, lease operator.	
Present condition of well: See Report on Ope June 30, 1987.	erations No. T387-147, dated
June 30, 1207.	
The operations were performed for the purpose	of demonstrating that the
injection zone pressure in the vicinity of th	ne well is below hydrostatic.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION

ZONE PRESSURE IS BELOW HYDROSTATIC IN THE AREA OF THE PROJECT.

RB:mjn

Sharon Sandberg, Agent

M.G. MEFFERD, State Oil and Gas Supervisor

By 740030pp

Deputy Supervisor

Petropunerals "Magenheimer" 9
6/26/90 BB / Joe Dominguez (pumper)

@ 0956 well standing @ 510 ps1. closed value
on injection line @ wellhead and like value @ meter

(meter 7861.5)
6/27 205# 1255
6/26 101# 1034
7/2 Ø 0850

### RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS (805) 925-2686

### REPORT ON OPERATIONS

Sharon Sand	dberg, A	gent	_				
Petrominera	als Corp		_				
12362 Beach					Santa	Maria	, California
Stanton, CA	THE RESERVE OF THE PARTY OF THE					13, 1989	
Your operat	tions at	well "M	agenheim	er" 9		API No. 0	83-00603 ,
Sec. 8 , T. 8					Field		a Barbara
County were					Kustic		presentative
of the supe					to 093		re were also
present J.				505			
Present cor	dition	of well: S	ee Report	on Ope	rations	T387-147.	dated June
30, 1987.						The second second	
301							
The operati	inne wor	norformo	d for the	nurnos	e of dew	onstratin	g that the
							hydrostatic.
injection z	one pre	ssure in t	ne vicini	tty of t	ne werr	Te Delow	nyulus caele.
	mun	DIMTONG IN	n Apppour	D 40 TW	DIGAMINA	10 13 A 10 (0) 15 E	TNIDOWION
DECISION:							INJECTION
	ZONE PR	ESSUKE IS	BELOW HIL	KUSTATI	C IN THE	AREA OF	THE PROJECT.
TRK:ks							
					M.G. MEFF	ERD, State 011	and Gas Supervisor
					1	0 =	
					Ву_ 7-1	ax Books	
					Deputy	Supervisor	

		0			DIVISION (	OF OIL AN	D GAS ER SHUTOFF	rest 🕺	A.	ON T	389-54
Oper	ator_	Peto	muse	ale C	orp.						7
	20	- 1	"Mage	nkeer			Sec. 8	26			
shut				(Name)	Tem Hu	de T	, repres	entative	of th	ne super	visor, was
Casi	ng red	cord of	well:	)	T 387-	147	- 6/30	187			
The	operat	ions w	ere perfor	med for	the purpose	of (	7)—.				*
	The The	seal b	etween the ions are a ions below	pproved	' is '' and as indicating ' at this	ng that as time.	casings i	injectio		d is co	nfined to
Hole	,	,			' to				;&	'' t	.0'
	(	Casing			Cemented		Top of I	Fill	Sqd.	Final	Test psi/min.
Size	Wt.	Тор	Bottom	Date	MO-Depth	Volume	Annulus	Casing		Press	Perfs.
										_	
Depti	or i	nterval	l tested _		' for test.			_			
		TEST:			_ 101 ccsc.						
Packe IHP_ Blow	er(s)_				TailFFP						
Open	for t	est		Hr	min.	Fluid	entry				
	ING TE										
The h	nole f	luid wa	as bailed	to		', at		on			19
PRODI	JCT I ON	TEST:	is todilo a				(time)	011			1 <sub>7</sub> •
Gauge Gauge Fluic	e/mete e/mete d leve	r readi r readi l	ngsurv	on on eyed on	19 19 19	, at , at , rev	p E iewed (wit	ump dept ngr. nessed)	h	' Eng	r
Rate		α μεσαί	B	D oil,	N	B/I	D water,	Wа	cer	% water	cut
		SURVEY:		ŕ			· <u> </u>			•	
RA/Sp fluid	inner I conf	/Temper ined be	ature sur	vey run	at' (Packe	_B/D & r depth _		psi on			19,
				See	aux	chied	2				-

OGD8 (10/86/DWRR/8M)

Mazerheimer 9

3/2/89 0845 get stock in mod 0903 490 # 0912 Shut down pump 0918 Shet value on injection line 1022 470 #

3/3/89 1520 205#

3/6/89 20930 Opsi OK to turn on!

### RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS (805) 925-2686

### REPORT ON OPERATIONS

Sharon Sandberg, Agent Agent	
Petrominerals Corp.y	
12362 Beach Blvd., Suite 9	Santa Maria , California
Stanton, CA 90680	_August 19, 1988
Your operations at well "Magenheimer" 9	API No. 083-00603 ,
Sec. 8, T. 8N, R. 32W, SB B. &M. Cat Canyon	Field, in Santa Barbara
County were witnessed on 8-17-88 R. Boof the supervisor, was present from 1330 present R. Muniozguren, Wireline Technician	<u>runetti</u> , representative to 1500 . There were also
Operator.	
Present condition of well: See Report on Op	perations No. T387-147, dated
June 30, 1987.	
The operations were performed for the purpos of the injection fluid is confined to the in	

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 3027' AT THIS TIME.

RB:mjn

M.G. MEFFERD, State Oil and Gas Supervisor

By 70-0750 tot

R/A	DIVISION OF DIL & GAS MECHANICAL INTEGRITY TEST	NO. T 388-228
	Well Maganha	Cat Canyon
R. Bronetti		om /330 to /500
Also present were Dominguez, Lens	R. Myniozguren Wirel	ine Engineer; J.
	- T 387-146 - Jone 3	
THE TAX TO COMPLETE A STREET SECTION OF SECULOR SECTION	NAT NOT	
	ere performed for the purpose jection fluid is confined to	
	rations are XXX approved as uid is confined to the form	
MOTES: MOD		
	don't type:	1,,,,,,
Packer/tbg tail 29 Survey rate reporte Annulus pressure/ve Computer file Car		Other <u>Wso pm</u> 1999 Tbg press <u>750</u>
Temp log Fr. 2750' -	100° - no break - P.U. 3	4157'-1040
Y BG Lag 3050 - 295	o - noisy as tool goes tha	a pacter
TGg vote 2800'- 2		
wait 120 sec	@ 2900', log down to 30	550' on background;
they rate 500-600 19	@ 2900', log down to 30	on backgrownel (ceme noise
of 224		CA
7344		
2016		
A. C.		
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### RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS (805) 925-2686

#### REPORT ON OPERATIONS

Timothy R. McPherson, Agent	
Petrominerals Corp.	
12362 Beach Blvd., Suite 9	Santa Maria , California
Stanton, CA 90690	June 30, 1987
Your operations at well "Magenheimer" 9	API. No. 083-00603 ,
Sec. 8,T. 8N,R.32W,S.B.B.&M. Cat Canyon	Field, in Santa Barbara
County were witnessed on 6-18-87 . R.	Brunetti , representative
of the supervisor, was present from 0900	to 1130 . There were also
present D. Livingston, Production Foreman	; M. Feldt, Wireline Technician.
Present condition of well: 8-5/8" cem. 3	027', perf. 2999' WSO; 6-5/8"
ld. 3014'-4199', perfs. 3014-4199'. T.D	. 4203'.

The operations were performed for the purpose of demonstrating that all of the injection fluid is confined to the intended zone.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 3027' AT THIS TIME.

RB:mjn

M. G. MEFFERD, State Oil and Gas Supervisor

Deputy Supervisor

/				
RA/Tracer	DIVISION OF O	IL & GAS EGRITY TEST	No. T 387-14	6
Operator Petroninerals	Corp. Wel	1" Magenhein	ner" 9	
Operator Petrommicals Sec. 8 T. 80 R. County Santa Carlo	32W , SB 18.8	M. Field $Q$	6/14/87	. /
R. Brenetti			0900 to //30	/
Also present were $\overline{\mathcal{L}}$				
Casing record 2%	am. 3027, per	1. 2999 WSC	); 65/2" ld. :	3014-4199
	THE OWN CHARLES OF CHIEF PRINCIPAL CONTRACTOR OF CHIEF		STATE OF THE STATE	-
The operations were that all of the injoint of the injection float this time.	ection fluid is	confined to t	the intended zon	all
	( don't t	уре)	and the second s	taget path Add to Salat 1 Sal 2 Sal
Packer/tbg tail Survey rate reporte Annulus pressure/ver	nted/blow_ayawa			2999
XRK 21-1- 290	of up speciel	6 toatures		
a 3000', slug o no tracer returns shoe; log up to	ot, waited 12. . Leg down to 2950, trac	o see for 10 3050, tra er below 3	cer (faint) b	ielow
2900', shot o	ut, wanted	120 gc Fo	a per check	
2900', shot o no returns of tr			50, saw no	tracery
tog rates zeso	over fir p -2900 1707	rofile B/D	200'-250'	1780

9140	39 B/D
4100	275
4050	6/1
4000	875
3950	1101
3900	1295
3850	1468
3800	1376
3700	2000
3650	2202
3835	1835
3550	1533
3500	1694
3450	1233
3400	1468
3350	1573
3300	2001
3250	1159
3200	1223
3150	1295
3/00	1295
3050	1376
3020	1295

# DIVISION OF OIL AND GAS

### Report on Operations

- Annual Contract of the Contr	hy R. McPherson, Agent		
Petro	ominerals Corp.	Santa Maria	Calif.
_ 12362	Beach Blvd., Suite 9	April 28, 1987	
Stant	on, CA 90680		72.50
Your operation	ons at well "Magenheimer" 9  N, R. 32W S.B.B.& M Cat Canyon ed on 3-30-87 to 4-3-87 by S.	API No. 083-0060	3 ,
Sec. 8 , T.8	N, R. 32W S.B.B.& M. Cat Canyon	Field, in Santa Barbara	County,
were witnesse	ed on 3-30-87 to 4-3-87 by S.	Christen	representative of
the supervisor	г, жай ризвик июнк та	Пине жине хим риминк	
	0 E/DY 20271	20001 1/2 0 6 5 /01 14	20141 41001
	ition of well: 8-5/8" cem. 3027', perf 014'-4199'. T.D. 4203'.	. 2999 W.S.O.; 6-5/8" Id.	3014 - 4199 ,
The operation	ns were performed for the purpose ofdemons icinity of the well is below hydros	strating that the injection	n zone pressure
DECISION:	THE OPERATIONS ARE APPROVED AS IND	ICATING THAT THE INJECTION	ZONE PRESSURE
	IS BELOW HYDROSTATIC IN THE IMMEDIA	ATE VICINITY OF THE WELLBON	RE BEYOND THE

SIC:ks

M. G. MEFFERD

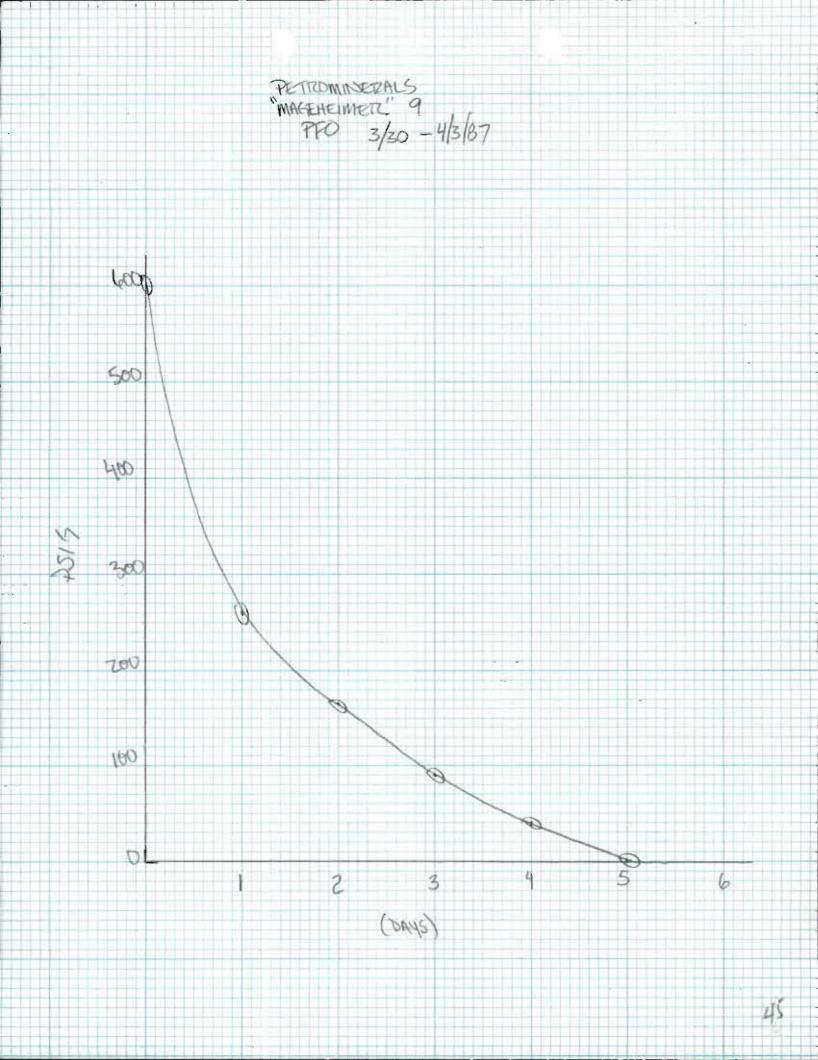
K. P. Henderson

# DIVISION OF OIL AND GAS WATER SHUTOFF TEST

H No. T 387-93

tor T	ETROM	HAERAL	Cott	P. /		and one road		R		· /
					v	Sec. 8	В, т. 8	3N. E	R. 32W.	SBB. &M.
		/V								
TI on	3-3	30 TO 4-3-8.	7 (Name)	SICHE	STEIL	, repre	sentativ	e of th	ie super	visor, was
at fr	om_		1 to_		Al	so present	t were _	-	-	the
g rec	ord of	well: 8	% ce	n. 30271.	PERT, 2	199 W.S	5.0. , 6	5/8" 10	3014	-4197
							TARREST ME			
							18-18-1			
perat	ions w	ere perfor	med for	the purpose	e of State	NSTRATIN	HUDIZOS	THE TATIC.	NITECTA	M ZONIE
										•
The	seal b	etween the	,	" and	11	casings	is annro	ved.		
The	operat	iona ere		and	ing that a	11 of the	inicati	SOME	PRESSUR	E 15
the	format	ions below	HYDRID5	at thi	is time.					
M Cu	VORCET	ATIC IN	THE IN	MEDIATE V	CHITYO	FTHE W	ELLEDTZE	BEVO	THE GUA	<u> </u>
size:	DINS	" fr	CAPECT.	† to	;	" to_		';&	<u>"</u> t	.0
	Casing			Cemented		Top of	Fill	Sad-	Final	Test psi/min.
Wt.	Тор	Bottom	Date	MO-Depth	Volume	Annulus	Casing			Perfs.
									-	
18									_	<u> </u>
							<u> </u>			
	80			<del></del>						
or i	nterva	l tested _		1 for book	,					
				_ lor rest.						
	100	1 6				6.00 access	-			
r(s)_				FFP	' Bean FH	sıze P		' Cushi	OR	
			Hr	min	. Fluid	entry				
ole f	luid wa luid wa	as bailed	to		', at		on			19
CTION	TEST:	as round a			, at	(time)	on	70.		19
		i na	on	1	0 at	_	uma dant	h		20
/mete	r readi	ing	on on	i	9 , at		oump dept Engr.	.11		·
leve	¹	' surv	eyed on	1	9, rev	iewed (wit	nessed)	by	-	
1 1111	d produ	aced, Bbls	/D oil.		Net oil B/	D water	Wa	ter	% water	cut
2202						- matcl,			" Walt	
						16 =			• 570,500,0	
rion :	SURVEY	:								
rion :	SURVEY	:		at ( Pack			_ psi on		- to	
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The greations were performed for the purpose of MADENSTRATING THAT SHORT IN THAT SHORT I	designation MARKENHUMEN, 9 Sec. 8, T. 8N, I County was fit on 3.30 to 4.327 (Name) St. (History not be representative of the first not from to Also present were greated with the first not from the purpose of the purp	designation MANDELLAND 9 Sec. 8, T. 8N, R. 320,  CAT (MINUS) 64 County And Advantage Was tested of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. (Hinter) 7, representative of the super not from 3-30 to 4287 (Name) \$1. 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OGD8 (10/85/DWRR/5M)



# DIVISION OF OIL AND GAS CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Petominerals Corp.	Well No. "Magenheimer" 9
API No. 083-00603 Sec. 8 ,	T. BN , R. 32W , S.B. B.&M.
County Santa Barbara Field C	at Canyon
RECORDS RECEIVED DATE  Well Summary (Form OG100)  History (Form OG103) No records required  Core Record (Form OG101)  Directional Survey  Sidewall Samples  Other  Date final records received  Electric logs:	STATUS  Producing - Oil
	RECOMPLETEDREMARKS
ENGINEER'S CHECK LIST	CLERICAL CHECK LIST
1. Summary, History, & Core record (dupl.) LOT DEEPE  2. Electric Log 3. Operator's Name 4. Signature 5. Well Designation 6. Location 7. Elevation 8. Notices 9. "T" Reports 10. Casing Record 11. Plugs 12. Surface Inspection 13. Production 14. E Well on Prod., enter EDP 15. Directional Survey	1. Location change (F-OGD165) 2. Elevation change (F-OGD165) 3. Form OGD121 4. Form OGD59 (Final Letter) 5. Form OGD150b (Release of Bond) 6. Duplicate logs to archives 7. Notice of Records due(F-OGD170) 8. EDP (F-OGD42A-1, 2)  Permission to inject was rescinded due to failure to rum required injects survey - Notice was to reinstate well to injection after required survey was run.
RECORDS NOT APPROVED Reason:	RECORDS APPROVED 2/24/66 FEC  RELEASE BOND  Date Eligible  (Use date last needed records were
	received.)

# DIVISION OF OIL AND GAS

## Report on Operations

Richard C. Russ				
Petrominerals C	orp.		Santa Maria	Calif.
P.O. Box 65			June 17, 1986	
Stanton, CA 90	680			
	J !!Maganhaimar!! 9		083 00603	
Your operations at well_				-
Sec. 8, T.8N, R.32W, S				
were witnessed on 6-10			, re	epresentative of
the supervisor was yresen't Company Represe		There w	vere also present Dave	Livingston -
Present condition of well: perfs. 3014'-41	8-5/8" cem. 3027 99'. T.D. 4203'.	7', perf. 2999' W.S.	0.; 6-5/8" ld. 30	14'-4199'
The operations were perfo		of <u>demonstrating</u> that clow hydrostatic.		one pressure
IS BELOW	HYDROSTATIC IN THE	O AS INDICATING THAT E GENERAL AREA OF TH EYOND THE RADIUS OF	E PROJECT AND IN	

SC:ks

M. G. MEFFERD

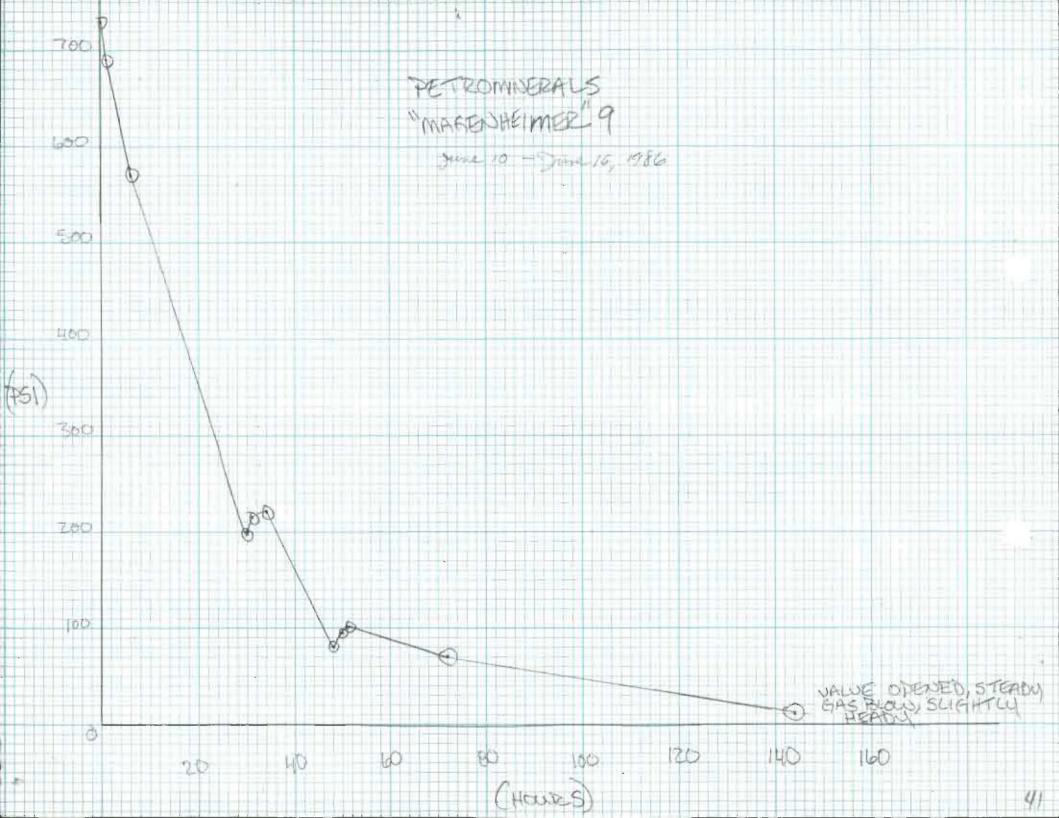
K. P. Henderson

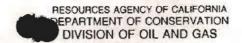
Form OGD8 (8/80)

DIVISION OF OIL AND GAS
THE SELVE FACE OF WATER SHULLOTT TEST

100	386-10-
No.	T /82
1	/

			MUNETER		Co.p.				. 1	20	
Well	desig	nation	MOGFHE	METZ	9	/	Sec	<u>&gt;</u> , T. <u>⊘</u>	/	DEW,	B.&M.
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		2 1	4		0 - 1 1		m	D2 1 1		1	Test
-		Casing			Cemented		Top of		Sqd.	Final	psi/min.
Size	Wt.	Тор	Bottom	Date	MO-Depth	Volume	Annulus	Casing	Away	Press	Perfs.
<u>v</u>							8				
<del></del>											
Depth	ori	nterval	l tested _								
The h	ole w	as oper	n to		_' for test.						
FORMA	ATION	TEST:									
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Blow_	£			71	min	Tr1(4	00040000				()
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Gauge	/mete	r readi	ing	on_	1	9, at	4 ( E	ingr.	h	- Address to	
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Rate:		u proud	В	/D oil,		B/:	D water,			% water	cut
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fluid	inner	ined be	rature sur elow	vey run	at' (Pack	er denth		- ber ou			19,
22420	COUL					or acpen-					100
											100







### PERMIT TO CONDUCT WELL OPERATIONS

(field code)

7.00	
Luran	anda
(area	code

WATER DISPOSAL PROJECT GATO RIDGE AREA MONTEREY

(new pool code)

Richard	С.	Russell,	Agent	
Petromir	era	als, Corp		
P.O. Box	6.	5	10.7	

90680

(old pool code)
\_\_\_\_\_, California

Santa Maria May 13, 1986

Reconvert to

Your \_\_\_\_\_ proposal to water disposal well "Magenheimer" 9

A.P.I. No. 083-00603 , Section 8 , T. 8N , R. 32W , S.B. B. & M.,

Cat Canyon field, \_\_\_\_\_\_ p

Santa Barbara County, dated 4-5-86 , received 5-12-86 has been examined in conjunction with records

filed in this office.

Stanton, CA

THE PROPOSAL IS APPROVED PROVIDED THAT:

- 1. This well conforms to the provisions set forth in our letter of July 27, 1983, approving the project.
- 2. Copies of all surveys are filed with this division.
- 3. THIS DIVISION IS NOTIFIED:
  - a. To witness all injection profile surveys referred to in Item 5 of the abovereferenced letter.
  - b. To witness the pressure fall-off survey.

#### Notes:

- The base of the freshwater deposits is at 460'. The freshwater deposits are protected by the 8-5/8" casing cemented at 3028' with sufficient cement to fill to the surface.
- 2. Injected water might also have some waterflood effect.
- 3. A pressure fall-off survey is due before June 15, 1986, as specified in this Division's letter dated March 4, 1986.

BLANKET BOND AJK:ks

cc: Project File Engineer Update

Engineer Al Koller\_

Phone (805) 925-2686

M. G. MEFFERD, State Oil and Gas Supervisor

The Debuty Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.





### DIVISION OF OIL AND GAS

### Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVIS	ION USE ONLY
BOND	FORMS
BOND	OGD 114 OGD 121
Glarker	500 6 9

D	1	٧	ISI	ION	1 OF	F OIL	. AND	GAS

DIV	ISION OF OIL	AND GAS			1	
	· M	Section 3203, Division 3,		de, notice is hereby	given that it is our int	ention
to re	work well MAG	ENHEIMER #9 W-II (Well des	ignation)	, API No. <u>0</u> GATO_R	83-00#603 / IDGE AREA,	
Sec	<u>8</u> , т. <u>8N</u> , <b>в.</b> 3	2W, S.BB. & M., CA'	r_ CANYON	Field, <u>SANTA</u>	BARBARA C	County.
The	present condition	n of the well is as follow	'S:			
1.	Total depth 4	203' /				
				*		
2.	Complete casin	g record, including plug	s and perforations	T.D. 4203'		/ AZO (Project
	3018' - 1185' - 2977' -		ENTED WITH 13 ER, 4199' TO EUE 8RD TUBI BAKER AD-1 PA FATIGUE NIPP	ACKER;	TO SURFACE.	1, pert. 2999 W.S.
					SANTA	MARGARITA
3.	injec Present <b>xxxxxx</b>	tion ing zone name MONTE	REY ; Zone in whi	ch well is to be reco	ompleted MONTER	EY (MIOCENE
4.	Surface in	jection 800 PS	I; New:	injection %XXXX pressure	800 <u>P</u> SI	
5.	Last produced	OCTOBER 1969 (Date)	9.2 (Oil, B/D)	11.7 (Water, B/D)		<del>),                                     </del>
	(or)	5 8			000 DG	-
	Last injected	MARCH 1986 (Date)	1360 (Water, B/D)	(Gas, McI/D)	(Surface pressure,	23
The	proposed work is	s as follows:				
1.	REINSTATE	TO ACTIVATE SER	VICE, WATER I	NJECTION WELL	MAGENHE IMER	#9 WD /
					DIVISION OF OF	The same of the sa

MAY 1 9 1986

SANTA MARIA, CA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

12362 1	BEACH BOULEV	ARD. STE #9	PETROMINERALS CORPORATION
Address <u>12362</u> 1	(Streel)	ARD, BIL IF	(Name of Operator)
STANTON,	CA	90680	By R C RUSSELL
(City)	(State)	(Zip)	Print Name) 4/5/01
Telephone Number	714 <u>/8</u> 9 <u>5-63</u>	370	(Signature) (Dale)

# RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION

# DIVISION OF OIL AND GAS

### Report on Operations

Richard C. Russell,	Agent		
Petrominerals Corp.		Santa Mari	a Calif.
P.O. Box 65		May 13, 19	
Stanton, CA 90680	- United States		
Your operations at well	"Magenheimer" 9	API No. 083-006	
Sec. 8 T.8N R. 32W S.B.B	.& M. Cat Canyon	Field, in Santa Barbara	County,
were witnessed on 5-5-86		R. Brunetti	_, representative of
the supervisor, was present from Wireline Technician		5 There were also present_	R. Muniozguren -
Present condition of well: 8-5 perfs. 3014'-4199'.		. 2999' W.S.O.; 6-5/8" ld.	3014'-4199',
	)		
	A THE REPORT OF		
The operations were performed is entering the inte		monstrating that all of th	e injection fluid
A STATE OF THE STA	nue de la companya d		
DECISION: THE OPERATION IS CONFINED T	S ARE APPROVED AS IN O. THE FORMATIONS BEL		NJECTION FLUID

RB:ks

M. G. MEFFERD

K. P. Henderson

					OF OIL AN		EST	71	No. T 3	86-168		
Operator Petrominerals Corp.												
(A)		"Mage		. 11 9		Sec. 8	, т. 8	₩, R	.32W.	Ø B.&M.		
Field	Cat	Canyon		1.	, County							
Field Cat Canyon, County Santa Barbara was tested for water shutoff on 5/5/86 . (Name) R. Brouett, , representative of the supervisor, was present from 1280 to 1915 . Also present were R. Municapure Wireham												
present from 1290 to 14/4 . Also present were K. Munipapuren Wirehall												
Casing record of well: 85/9" cem. 3027', perf. 2999' wso; 65/6" 12. 3014-4199', perfs												
3014'-4199'. T.D. 4203'.												
The operations were performed for the purpose of demonstrating that all of the injection												
The opera	ations w	ere perfor	med for	the purpose	of demo	nstrating	that o	11 0/1	the inj	ection		
		w		' is		<del></del>				-		
	35	5.0		" and			s approv	ed.				
				as indicati					d is co	nfined to		
				$\frac{1}{2}$ ' at thi		II OI CHE	111300011			001943 004 5451 4R		
Hole size	e:	" fr		to	_';			;&		.0'		
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220	1 200	DO C COM	2400	no sepen	102,000		-002118		- 2000			
		5	V-									
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	V.:			,								
			1	AKE YOUR P	ICK					100		
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FORMATION												
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Bloss.												
Open for	test		Hr.	min	. Fluid	entry						
BAILING C	TEST:											
The hole	fluid w	as bailed	to		', at		on_			19		
The hole	fluid w	as found a	t		', at	(time)	on_			19		
PRODUCTIO	ON TEST:					(time)						
Gauge/met	ter read:	ing	on	1	.9, at_	<u>p</u>	ump dept	:h	Eng	r		
Gauge/met	ter re <i>a</i> d: vel	ing r	eved on	1 1	.9, at_ 9 . rev	iewed (wit	ngr	hv				
Total flu	uid prod	uced, Bbls		9	Net oil		Wa	ter				
Rate:		B	/D oil,	<u> </u>		D water, _		-	% water	cut		
INJECTION				(0)	George d)	1 - 0		_/		01		
			- Carrier	at /80/	— <sub>B\D</sub> ≪ -	40.4	psi on			19 <u>86</u> ,		
fluid cor	ifined b	elow	11- 30	27 ' (Pack	er depth	2980	47/11	itm	(mak)	?)		
( Poons	014-718	so w cci	tun s	orveg. 2/8	1 last s	orvey. 2	iro Hi	37000	( MAI			
man	(Found pler 2180 w CCL thin survey. 2987 last survey. 2976 History (mat?)  margin of error acceptable)											
OGD8 (10/	82/DWRR/	5M)										

Annulus value open - dead / no 6 low. CCL/Temp log down for 2000'-89.3°F to slight break @ 3050' + 90.3°F (CCL began to effect Temp- prob zero shift only). P.U. @ 4170'- 92.8°. check shots 4100'-4105/54 sec = 245 B/D 4000-4105/24 sec = 560 3900 - 3905/12 SEC = 1/20 3800-09/18 486 = 1344 3700 - 09/13 DEC = 1861 4 3500 0 3300 - ran Tbackground 3100-2900. Flat. Thy drop check 2850'- 2900' 50'- 20sec = 1912 B/D stopped @ 2900 & writed 180 sec for top per/shoe/packer check. No returns of tracur. Logged down to 3100, very slight traces of tracer below Moving down . OK) 2900', vom stight tracer below 3040'-Moving down OK They drop check 200'- 250' 50'- 20010 = 1912 B/D to other ok







#### DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686

May 6, 1986

Richard C. Russell, Agent Petrominerals Corp. P. O. Box 65 Stanton, CA 90680

"Magenheimer" 9 Re: (083 - 00603)Cat Canyon Field

Dear Mr. Russell:

On April 28, 1986, this office notified you that the Division's approval for you to inject into the subject well was terminated. Apparently, you still desire to use this well for water disposal services because you ran an injection profile survey on May 5, 1986.

In order for you to reinstate this well to active water disposal status, you must submit a Notice of Intention to Rework Well (OG107) to this office.

Until this office receives the above-mentioned notice, you will be expected to comply with paragraph two of my letter dated April 28, 1986, directing you to disconnect injection lines. If the Notice has not arrived in this office by May 27, 1986, a Division engineer will inspect the subject well in order to verify that injection has ceased and injection lines have been disconnected.

Yours truly,

P. Henderson Deputy Supervisor

AJK:mjn

### DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686

'April 28, 1986

Richard C. Russell, Jr. Petrominerals Corp. P. O. Box 65
Stanton, CA 90680

Subject: Violation of Section 1724.10(j) of the Calif. Admin. Code

Dear Mr. Russell:

On January 15, 1986 you were informed by letter (copy attached) that an Injection Profile Survey was due for your water disposal well "Magenheimer" 9 in Cat Canyon field. To date, this office has not been contacted to witness the required survey. Therefore, this Division's approval for you to inject into well "Magenheimer" 9 is considered terminated as of this date.

You are hereby ordered to discontinue injection into well "Magenheimer" 9 and to disconnect injection lines to the well within 30 days of the date of this letter. Failure to comply within the time prescribed may result in the imposition of a civil penalty, pursuant to section 3236.5 of the Public Resources Code.

Yours truly,

K. P. Henderson Deputy Supervisor

KPH:mjn
Attachment
cc: Project Folder
 Violations Folder

CERT.-Ret. Rec. Req.

### DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686

March 4, 1986

Richard C. Russell, Jr. Petrominerals Corp. P.O. Box 65 Stanton, CA 90680 Subj: Water Disposal Project Cat Canyon Field Gato Ridge Area Monterey Zone

Dear Mr. Russell:

On July 27, 1983, this office sent you an approval letter for the subject project. Condition #11 of this letter states, in part, that the injection zone pressure is not to exceed hydrostatic pressure in the general area affected by the project.

The Pressure Fall-off test performed on December 9, 1985, indicated that the zone pressure may not be above hydrostatic pressure. However, the well was backflowed before the test was started.

You are hereby requested to conduct a pressure fall-off survey on well "Magenheimer" 9 before June 15, 1986. Please notify this office when the survey is to be conducted so that a Division inspector may be present to witness the test.

Yours truly,

K. P. Henderson Deputy Supervisor

SC:ks

### DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686



November 6, 1985

Richard C. Russell, Jr. Petrominerals Corp. P. O. Box 65 Stanton, CA 90680

Subj: "Magenheimer" 9
Pressure Fall-off
Survey Request

Dear Mr. Russell:

No response has been received to this division's letter dated September 23, 1985 (copy attached).

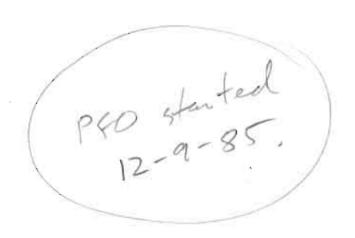
Please respond without further delay.

Yours truly,

K. P. Henderson
Deputy Supervisor

KPH:mjn Attachment

cc: Deficiency Folder



### DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686



September 23, 1985

Richard C. Russell, Jr. Petrominerals Corp. P. O. Box 65 Stanton, CA 90680

Subj: Water Disposal Project Cat Canyon Field Gato Ridge Area Monterey Zone

Dear Mr. Russell:

On July 27, 1983, this office sent you an approval letter for the subject project. Condition #11 of this letter states, in part, that the injection zone pressure is not to exceed hydrostatic pressure in the general area affected by the project.

A step-rate pressure test was conducted for well "Magenheimer" 9 on August 29, 1985. At that time, it was noted by the Division inspector that the shut-in wellhead pressure prior to commencing the test was 530 psig. Therefore, it would appear that the pressure in the injection zone may be above hydrostatic.

You are hereby requested to conduct a pressure fall-off survey on well "Magenheimer" 9. Please notify this office when the survey is to be conducted so that a Division inspector may be present to witness the survey.

Very truly yours,

K. P. Henderson Deputy Supervisor

KPH:mjn

## DIVISION OF OIL AND GAS

# Report on Operations

(805) 925-2686

Richard C. Russell, Jr., Agent Petrominerals Corporation	Santa Maria	Calif.
Sec. 8, T. 8N, R. 32W SB B.& M. Cat Canyon  8-29-85 S. Ch	September 9, 1985	County, sentative of sell, Jr
Engineer  Present condition of well: 8 5/8" cem. 3027', perf. 2999 perf. 3014' - 4199'. T.D. 4203'.	9' W.S.O.; 6 5/8" ld. 3014'	- 4199',
The operations were performed for the purpose of _determining	ng the formation fracturing	pressure
DECISION: THE OPERATIONS ARE APPROVED AS INDICATE		SURE MUST

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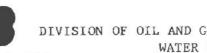
hydra that you had a god as once

or things

SIC:df

M. G. MEFFERD

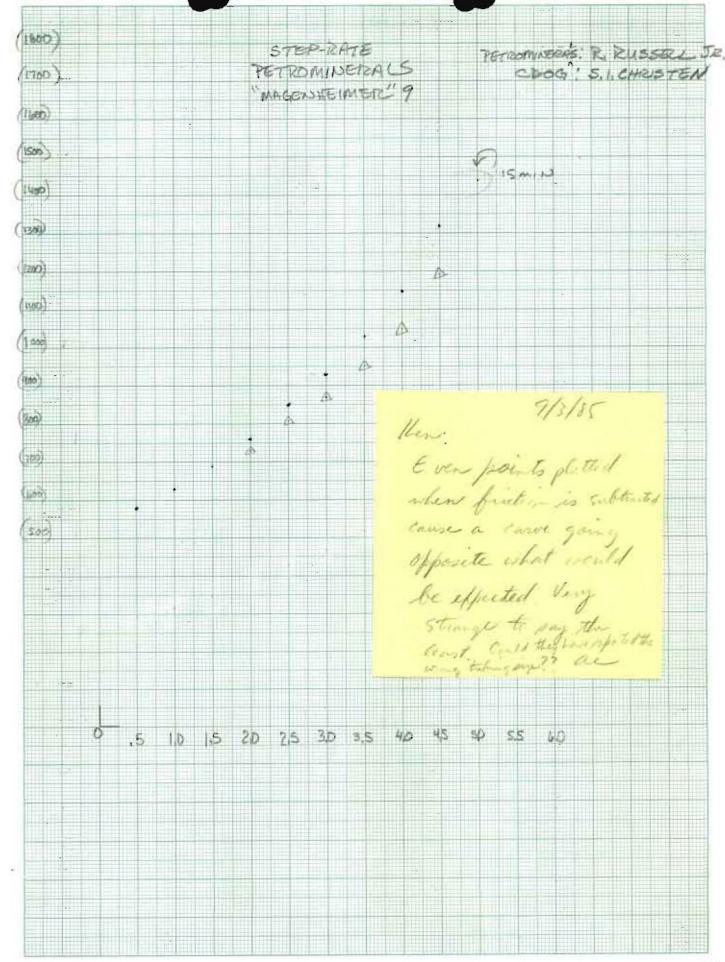
K. P. Henderson





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28

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## DIVISION OF OIL AND GAS

# Report on Operations

(805) 925-2686

Richard C. Russell, Jr.	
Petrominerals Corporation	Santa Maria Calif
P. O. Box 65	January 29, 1985
Stanton, CA 90680	
Your operations at well "Magenheimer" 9	, API No. 083-00603
	on Field, in Santa Barbara County
were witnessed on 1-11-85	P. Truocchio , representative of
Wireline Engineer	1630 There were also present B. Macias -
Present condition of well: 8 5/8" cem. 3027', perf. 3014' - 4199'. T.D. 4203'.	perf. 2999' W.S.O.; 6 5/8" ld. 3014' - 4199',
The operations were performed for the purpose of is entering the intended zone.	demonstrating that all of the injection fluid
DECISION: THE OPERATIONS ARE APPROVED AS IS CONFINED TO THE FORMATIONS	AS INDICATING THAT ALL OF THE INJECTION FLUID BELOW 3027' AT THIS TIME.

PAT:df

By Deputy Supervisor

Deputy Supervisor

K. P. Henderson

# DIVISION OF OIL AND GAS WATER SHUTGER FEST

No. T 385-24

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Failure to Run Required Surveys

DEPARTMENT OF CONSERVATION

### DIVISION OF OIL AND GAS

30) WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686

December 13, 1984

Richard C. Russell, Agent Petrominerals Corporation P. O. Box 65 Stanton, CA 90680

Dear Mr. Russell:

On August 17, 1984 you were informed by letter, copy attached, that an injection profile survey wasdue for your water disposal well "Magenheimer" 9 (083-00603) in Cat Canyon field. The requirement for such survey was specified in paragraph 5 of this Division's letter dated July 27, 1983, approving your water disposal project.

In order to verify the status of the well, an engineer from this office inspected the well and wellsite on December 10, 1984. He observed that the well was on injection at the time. Therefore, you have not complied with the requirements of the project approval letter or the letter of August 17, 1984.

To date, this office has not been contacted to witness the required survey.

The Division's approval for you to inject into well "Magenheimer" 9 will be considered rescanded on January 14, 1985 unless you have run the required survey and the survey has been witnessed and approved, in writing, by an engineer from this office. Upon rescassion of approval to inject, you must ammediately disconnect the injection lines to the well.

This matter should receive your immediate attention.

Very truly yours,

K. P. Henderson Deputy Supervisor

KPH:df Attachment

cc: Deficiencies and Violations

idelbest Holler for

Certified-Return Receipt Requested

Survey run 1-11-85.

KH

VISION OF OIL AND GAS

1) WEST CHURCH STREET, P. O. BOX 227
(A. AÑARIA, CALIFORNIA 93456
(605) 925-7686

August 17, 1984

Richard C. Russell, Jr. Petrominerals Corp. P. O. Box 65 Stanton, CA 90680

Dear Mr. Russell:

The following injection wells are now or will soon be due for radioactive tracer and spinner or static temperature surveys. Will you please arrange to have the surveys run as soon as possible; a copy shall be sent to this office.

Field .	Well Designation	Freque of sur 1 yr.	rvey 6 Mos.	Date of last survey	D.O.G. witnes yes	to s survey no
Cat Canyon	"Field Fee" 3 "Magenheimer" 9	Х	Х	12/28/82 12/28/82	X X	
	. ;					
				·		

MOTE: If the injection profile survey is not completed within 90 days from the date of this letter, injection into any such well shall be discontinued.

P. Henderson

Deputy Supervisor

# DIVISION OF OIL AND GAS CHECK \_\_\_\_ f - RECORDS RECEIVED AND WELL STATUS

	Petrominerals C 083-00603							B .&M .
County_	Santa Barbara		rield			Cat Canyon		
RECO	RDS RECEIVED	DATE			-	ATUS	STAT	_
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Electr	de los					n OGD121		
Operat	ric Log		7-24		Form	n OG159 (Final	Letter)	
Signat	cor's Name					n OGD150b (Rel		
Well D	Designation			_		licate logs to		
Locati	on					ice of Records		
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#### SUBMIT IN DUPLICATE

80981-703 2-78 10M @ OSF

REBOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DWISION OF OH AND DAS

# D061

### DIVISION OF OIL AND GAS

MAR 8 1984

### History of Oil or Gas Well

Sents Maria, College

Well No. Magenheimer #9 , Sec. 08 , T 08N , R 32W , S.B. B. & M.

Date March 5 , 19 84 Signed Echard C. Sussell .

1538 N. Century Blvd. Santa Ana Title Vice President (President, Secretary or Agent)

(714) 554-7800

(714) 554-7800

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

PREVIOUS CONDITION All measurements are from 10' KB.

T.D. 4203'

3018' - 8 5/8", 24# cemented w/1306 c.f., 3028' to surface.

1185' - 6 3/8", 26# liner, 4199' to 3014'

10-20-83

Moved in and rigged up. Unlanded well head. Picked up and measured 100 joints of 3 1/2" EUE tubing (drifted tbg.). Tagged top of liner hanger @ 3014' w/8 5/8" positive scrapper. Scrapped 8 5/8" casing. POH w/scrapper and laid down equipment. Made up and RIH w/8 5/8" Baker AD-1 tension packer. Set packer @ 2976'. Landed tubing w/15,000# tension. Hooked up flow lines. Commenced injection @ 400 psi on 10-21-83.

### PRESENT CONDITION

T.D. 4203'

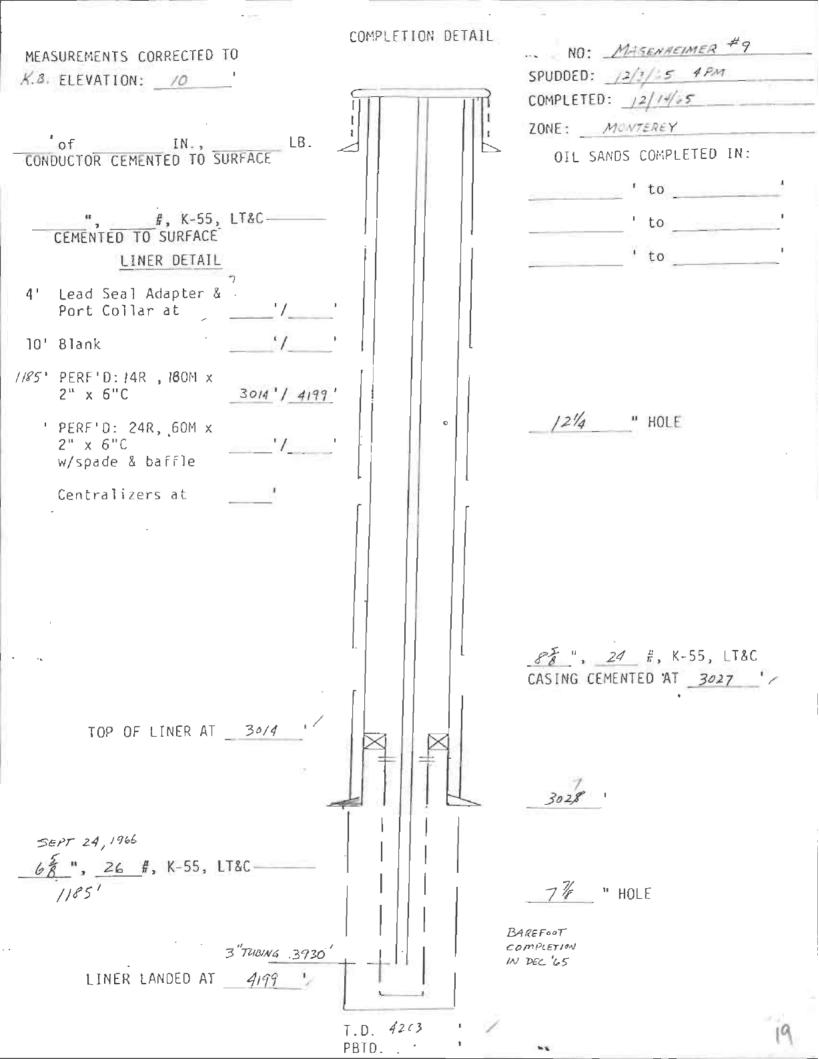
3018' - 8 5/8", 24# cemented w/1306 c.f., 3028' to surface.

1185' - 6 3/8", 26# liner, 4199' to 3014'.

2977' - 2972' of 3 1/2" EUE 8rd tubing;

4' - 8 5/8" Baker AD-1 packer;

1' - 3 1/2" fatigue nipple.



# REPORT ON PROPOSED OPERATIONS

(805) 925-2686

128 (field code) 09 (area code) 10

Richard C. Massell, Jr., Agent Petrominerals Corporation 1538 N. Century Blvd. Santa Ana, CA 92703

WATER DISPOSAL PROJECT CAT CANYON FIELD GATO RIDGE AREA MON'TEREY ZONE

well

(new pool code) told pool code)

\_ California

convert to

Your\_ proposal to water disposal A.P.I No. Section 8 T. Cat Canyon Gato Ridge field.

"Magenheimer" 9 8N , R 32W , S.B. B & M.

Santa Maria

area,

July 28, 1983

, received 4-22-83 has been examined in conjunction with records

Santa Barbara filed in this office.

NOTE: \$ 5/8" pert. 2999' W.S.O. (K.B.)

THE PROPOSAL IS APPROVED PROVIDED THAT:

County, dated 4-1-83

- The general requirements established in letter dated July 27, 1983 approving the project small be made part of this report.
- Copies of all surveys shall be filed with this division.
- A step-rate pressure test shall be conducted prior to sustained injection above 755 psi plus friction flow losses.
- Injection shall be through tubing on packer set immediately above the zone of injection.
- THIS DIVISION SHALL BE NOTIFIED TO WITNESS all injection-profile surveys referred to in Item 5 of above letter, the first within 3 months after injection has started.
- THIS DIVISION SHALL BE NOTIFIED TO WITNESS the step rate test if one is determined necessary.

#### NOTES:

- An examination of the electric Log indicates that the base of freshwater is at 460' at this location. The freshwater will be protected by 8 5/8" casing cemented from its shoe to the surface.
- The water to be injected tests 6934 ppm TDS and is produced from neighboring oil wells.
- Injection will be into the Monterey zone. Strata in the injection interval contain oil and salt water.
- Approximate surface location of well: From NE cor Sec. 8, 14005 850W.
- Injected water might also have some waterflood effect.

AJK:dv

BLANKET BOND

co: Water Quality Control Board

S EMON CONDOVA, Acting

M. C. MESPERIO, State Oil and Gas Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

## DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVISION USE ONLY

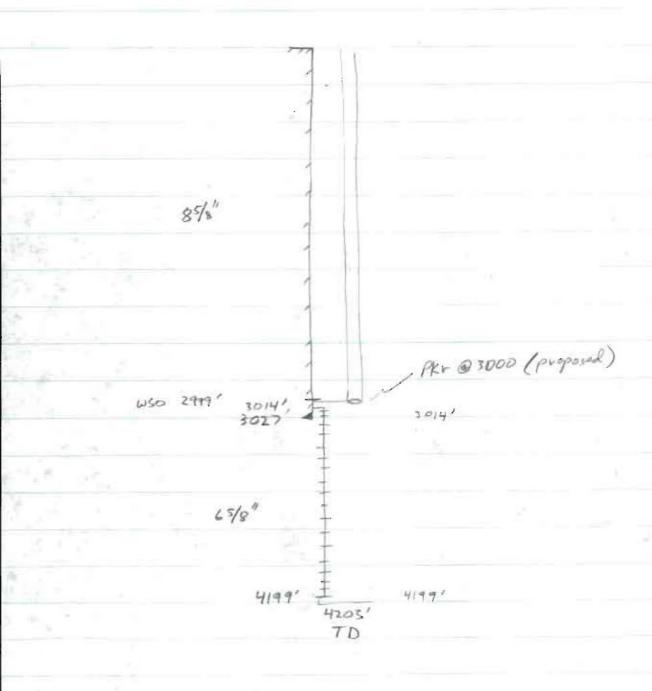
	APR 2 2 1983	DONE	FORMS
	- 1300	BOND	OGD 114 OGD 121
DIVISION OF OIL AND GAS	State Maria, California	Blanke	772-83
DIVISION OF OIL AND GAS			
In compliance with Section 3203, Divis			
to rework well <u>Convert Magenheim</u> Disposal Well, Má	er #9 to Wastewater	, API No083-0	0603
Sec. 8, T. 8N, R. 32W S. B. & M.,	Cat Canyon/ Gato Ridge	Field, Santa Bart	oara County.
The present condition of the well is as	follows:		
1. Total depth 4193 (			
2. Complete casing record, including 3018' - 8-5/8" 24# Ceme	nted w/1306 C.F., Surfa	ace 3018' (mat)	, perf. 2959 "wso (n
1185' - 6-2/8" 26# Line	r 3004'/4189' ( **** )	copyes.	
	7		
	Margarita		Santa Margarita
3. Present producing zone name M	onterey ; Zone in which	well is to be recompl	eted Monterey
120	O DCT	105	O PSI
4. Present zone pressureIZU	0 PSI ; New zor	ne pressure 193	0 121
5. Last produced October 1969 (Date)	9.2 (Oil, B/D)	11.7 (Water, B/D)	(Gas, Mct/D)
(or)			
Last injected March 1983 (Date)	925 (Water, B/D)	0	750 PSI
(All Measurements Refer to		(Gas, McI/U)	(Surface pressure, psig)
The proposed work is as follows: 7 #9 to a permanent wastewater	he intention of this re	work program is	to convert Magenheim
Procedure:	a. apaaa		

Return well to injection.

2. Treat casing-tubing annulus with corrosion inhibitor and oxygen scavenger.

1. Run in well with 2-7/8" tubing and complete well with production packer located @ 3000'. (Approximately 14' above the liner hanger @ 3014').

It is understood that if changes in this plan beca	ome necessary, we are to notify you immediately.
Address 1538 N. Century Boulevard (Street)	Petrominerals Corporation (Name of Operator)
Santa Ana, CA 92703 (City) (State) (Zip) Telephone Number 714/554-7800	By Richard C. Russell  (Phys Name)  Lichard C. Russell  (Phys Name)  (Signature)  (Date)



# Memorandum

fo Alex Alexander EDP Unit Date : July 29, 1983

Subject:

Injectivity Test Cat Canyon Field Gato Ridge Area Monterey Zone

: Department of Conservation— Division of Oil and Gas

Place: Santa Maria

Permission was granted on August 26, 1982 for Petrominerals Corporation to conduct an injectivity test in well "Magenheimer" 9. The injectivity test was successful and the operator has been granted approval for a new project.

We would like to enter past and future data in the EDP system. Please add the data (110's attached) to the well type, field, area and pool codes that was submitted by Mary Jane on July 29, 1983.

The data for 1982 will have to be added to the historical data in the statistics since the 1982 injection file has been closed.

Widelbert J. Koller

Associate Oil and Gas Engineer

AJK:dv Attachment

DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686



April 15, 1983

Richard C. Russell, Jr., Agent Petrominerals Corp. 1538 N. Century Blvd. Santa Ana, CA 92703

Injectivity Test Well No. "Magenheimer" 9 Sec. 8, T.8N., R.32W., S.B.B.&M. Cat Canyon Field Gato Ridge Area Monterey Zone

As the 90-day testing period granted in letter dated August 26, 1982 has expired, approval to inject water into the above-captioned well is hereby rescinded effective April 30, 1983. Injection lines to the well are to be disconnected and the division is to be notified to that effect so that the completed work may be witnessed.

This is an order pursuant to Section 3224 of the Public Resources Code, copy

attaqhed.

John L. Zulberti Deputy Supervisor

JLZ:mjn Encl.

# MONTHLY INJECTION REPORT

MONTH OF REPORT

NOVEBEER

19 52

0 P	PETROHIN:	ERAI	S CORPORA	TION	FOR DIVIS	SION US	E ONLY	B 49.						DOCUMENT NO.
E R A	1538 N C. SANTA AN	ENTU	RY BLVD	2000 (1000)		P29	00					128	*	821141500506
T					FIELD	100 m	<u> </u>			1.0		120		
OR	CARC. 120 521		-016 2000 (n) n <u></u>		COUNTY				9] [	10	11	2		
			4	5	6	7		8		<u> </u>		1000	Do not use this space	
LINE NO.	OPERATOR WELL NUMBER	WELL TYPE	API WELL NUMBER	PWCD	WATER OR STEAM INJECTED (bbl)		GAS OR AIR INJECTED (Mc1)	NO OF DAYS WELL INJECTED	SURFACE INJECTION PRESSURE	SOURCE OF WATER	KIND OF WATER	REASON WELL NOT INJECT.		
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STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION

NOTE: IF YOU ARE NO LONGER THE OPERATOR OF A WELL, ENTER "9" IN COLUMN 12.

See back for well type, source of water, kind of water. \* : reason well not injecting codes.

(Original copy must be filed each month. Failure to file is a misdemeanor, Sec. 32.16 Public Resources Code.)

## MONTHLY INJECTION REPORT

MONTH OF REPORT YEAR
OCTOBER 19 82

	PETROMIN 1538 N C.		S CORPOR	ATION	∐ FOR □	DIVISION USE (	NLY							DOCUMENT NO.
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DEPARTMENT OF CONSERVATION

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(Original copy must be filed each month. Failure to file is a misdemeanor, Sec. 3236, Public Resources Code.)

DEPARTMENT OF CONSERVATION

#### DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227 SANTA MARIA, CALIFORNIA 93456 (805) 925-2686

August 26, 1982

Richard C. Russell, Jr., Agent Petrominerals Corporation 1538 N. Century Blvd. Santa Ana, CA 92703

shul Treelers

Injectivity Tests Cat Canyon Field Monterey Zone

In response to your request dated August 19, 1982, approval is hereby granted to conduct injectivity tests in the Monterey zone in well "Magenheimer" 9 (083-00603), Sec. 8, T.8N, R.32W, S.B.82M. The testing period shall not exceed 90 cumulative days and surface injection pressures shall not exceed 770 psig, plus friction flow losses.

Injection rates and pressures shall be reported monthly on our form 1108, a supply of which is attached. These forms should be sent to this district office and should not be included in your regular monthly 1108 report sent to our Sacramento office.

If you have any questions concerning the testing or reporting procedures, please contact

the undersigned.

Yohn L. Zulberti Deputy Supervisor

AJK:dv Attachment

Hussell / Kollen 2/2/83.
Will well notice to consent to WD and griged data Income that were taken taken will be sub-thed to 0.06-90 days our ceft

Address 1538 N. Century Blvd

Santa Ana

Telephone Number

(Street)

*(State)* 714/554-7800

# DIVISION OF OIL AND GAS

AUG 25 1982

#### DIVISION OF OIL AND GAS

## Notice of Intention to Rework Well

Santo Maria, Galifornia

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled. FOR DIVISION USE ONLY treated as a letter FORMS BOND OGD 114 OGD 121 DIVISION OF OIL AND GAS In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention \_\_\_\_, API No. 08300603 / Magenheimer No. 9 Sec 08 T08N R32W S.B. & M. Cat Canyon Field, Santa Barbara \* The present condition of the well is as follows: 1. Total depth 4193 (mat) 2. Complete casing record, including plugs and perforations 3018' - 8-5/8" - 24#/FT Cemented w/1306CF, Surface/3018' (md) . Perf'd 3014'/4199'(KB) 1185' - 6-5/8" - 26#/FT Liner 3004'/4189 14R, 180M x 2 x 6"C Santa Margarita . Santa Margarita 3. Present producing zone name Monterey; Zone in which well is to be recompleted Monterey 4. Present zone pressure 1200 PSI + ; New zone pressure 2400PSI Last produced Oct (or) Last injected (Gas, Mcf/D) (Surface pressure, psig ) (Water, B/D) The proposed work is as follows: (Trial Injectivity Test) It is proposed to conduct a trial injectivity test on Petrominerals' Magenheimer No. 9 well for the purpose of evaluating this well as a lease wastewater disposal well. If satisfactory injectivity can be established, full application will be made to convert this well to a water disposal well. Auswered by le It is understood that if changes in this plan become necessary, we are to notify you immediately.

Petrominerals Corporation (Name of Operator)

Howard

(Date)

#### ESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS

# REPORT OF PROPERTY AND WELL TRANSFER

Field or County

Cat Canyon

District

Former Owner:

Lipkin & Devine

Date

January 12, 1977

Sec. 8, T. 8N., R. 32W., S.B.B.&M.

Sec. 9, T.8N., R. 32W., S.B.B.&M.

"Magenheimer" 1 (083-01221) "Magenheimer" 9 (083-00603)

"Magenheimer" 21 (083-20150)

"Magenheimer" 22 (083-20228)

Description of Property

List of Wells

Sec. 4, T. 8N., R 32 W., S.B.B.&M.

"Magenheimer" 5 (083-01154)

"Magenheimer" 20 (083-20113)

Sec. 5, T. 8N, R 32 W, S.B.B.&M.

"Magenheimer" 3 (083-01222)

"Magenheimer" 6 (083-01224)

"Magenheimer" 8 (083-00604)

"Magenheimer" 10 (083-00602)

"Magenheimer" 11 (083-20016)

Date of Transfer

New Owner:

November 1, 1976 Berwood Coproration

Address:

224 - One Bala Cynwyd Plaza

Bala Cynwyd, Pa 19004

Telephone No.

(215) 839-0155)

Type of Organization Corporation

Reported by:

Lipkin & Devine

Confirmed by:

Berwood Corp.

New Operator New Status PA

Request Designation of Agent

, Old Operator New Status

Remarks:

ЛZ:mjn cc: Conservation	Committee		John Juebert
	INITIALS	DAYE	Deputy Supervisor
Form 121			Deputy supervision
New Well Cards			- Committee and the committee
Well Records			LEGEND
Electric Logs			PA—Producing Active
Production Reports			NPA—Non Potential Active
Map and Book		04	PI—Potential Inactive
Form 148		39	NPI—Non Potential Inactive
Notice to be cancelled		<u> </u>	Ab—Abandoned or No More Wells
Bond status		100	

S	T	A	Ţ	i	g
V	4		4	v	-

DATE

Producing - Oil	123186
Idle - Oil	Carrier State of the Control
Abandoned - Oil	
Drilling - Idle	
Abandoned - Dry Hole	
Producing - Gas	
Idle - Gas	
Abandoned - Gas	
Gas - Open to Oil Zone	
Water Flood Source	New Years Indiana
Water Disposal	
Water Flood	
Steam Flood	
Fire Flood	
Air Injection	
Gas Injection	ESPERIEUS ESP
CO2 Injection	
LPG Injection	
Observation	

#### RECOMPLETED

#### CLERICAL CHECK LIST

1.	Location change	(F-165)	
2.	Elevation change	(F-165)	
3.	Form 121		
4.	Form 159 (Final Lett	ter)	
	Form 150b (Release o		

Lipkin & Devine "Magenheimer" 9 (083-00603)

FORM 19

goth



# RESOURCES AGENCY OF CALIFORNIA



# RECEIVED JULG: 1967

# DIVISION OF OIL AND GAS

## WELL SUMMARY REPORT

SANTA MARIA, CALIFORNIA

\_\_\_\_\_(Attach Copy of Log)

				SUBM	ו או דו	DUPLICATE				
Operato	or Linki	n & Devin	a			Well No	4 N	lagenheimer	No. 9	
· Priori	- Dapara	IN A DOVERN				Gato Ridge				
Sec	, T	8N, R	32W	SB B. 8	& M	Cat Canyon		ield_ Santa	Barbara	_County.
	Francisco de	- D C IA 1	2054 45	I Namel	0.40	121 West to		+ thomas	27001 Court	Halory he
Locatio	n From poin	E R.C.LA-3				12 Wost to			2300 South	LO a
poir	nt, thence	450' East				levation of grou			O' feet	
E,	- Allet ca		00'51/4	als P	rop	n 450		tana.	1661	
All dep	th measuremen			Kelly Bu		g	200	which is 10	feet abov	re ground.
						Table or Kelly Bushing				
	NEX (0) 1000 1000 100					formation give		The state of the s	/	ord of the
present	condition of th	e well and all	work done the	ereon, so tar	as can	be determined	from all a	vallable records	111	
Date	June 9,	1967				Si	gned	Day	Mun	C.
							,		. 9	
C	Legineer or Gen		В.Н.	Richards			Title	Partner	retary or Agent)	
	CENTRAL OF GER					120		(111100111, 5101	vivi, vi rigini,	
Comme	enced drilling_	Decembe	er 3, 1965			_	EOLOGICAL M	ARKERS	DEP	тн
Comple	eted drilling	Decembe	r 14, 196	5		Top Si	squoc		458	31
Total d	lepth 4203	Plugg	ed depth			Ton Me	nterey		3011	a
	The state of the s		ed depende			(O)	nearby		3011	
Junk		13:					***************************************		-	
-									-	
1-		WE II							-	
			yes			Geologic as	e at total o	lepth:		
Comme	nced producing	9/25/	Cle Floreine	g/gas lift/pu	main	2562 17		(7)		
Comme	meed producing	(Date)	(Cros	s out unnecessary	words)	g Ivallie of pr	oducing 20	,,,,,		
			Clean Oil		Gravity	Per Cent Water	G	a.s	Tubing	Çasing
			bbl. per da	у С	Bean Oil	including emulsion	Mef. 3	per day	Pressure	Pressure
	Initial	production				10000000 <u>~</u> 0				
	initial production		10		11	95%				
	Production a	fter 30 days	15		11	90%	03			
				C. arris D.		(Present Hole)			하 중앙	
-		T-		CASING RE	CORD	(Present mole)				-
ce of Casing (A. P. I.)	Depth of Shor	Top of Casing	Weight of Casing	New or Second H:	C 656	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing of through perforation
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904	41.99	3014								
	7									
				PERF	ORATE	d Casing		Name and the same	*	
		(Size, top, 1	oottom, perfor	rated interva	ls, size	and spacing of	perforation	and method.)		
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	1100.	- 6 5/8" H	<b>プロ王様~4</b> 上)	100	7-141		sig Lett	n Bond	TM Profit	1911
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